



- **Exciting new model**
- **Higher energy saving**
- **Handy wireless remote control**

ADVANCED TECHNOLOGY

Blue Diamond® glass lined tank. Maximum protection against hard water and corrosion.

GLASS COATED DUAL HEATING ELEMENTS

Heats water faster and lasts longer. Flexible heating options.

MORE FEATURES & USER CONTROLS

Wireless remote control, temperature settings, ON/OFF timers, energy meter...

ENERGY SAVING

BEE 5 star rating. The most energy efficient water heater you can buy.

CHANGEABLE DECORATIVE PANELS

4 colour options to match the bathroom décor.

LONGER WARRANTIES

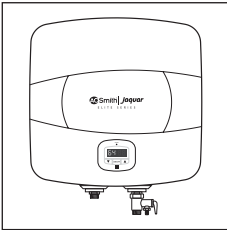
7 years warranty on inner tank, 4 years warranty on glass coated heating element & 2 years comprehensive.

MADE BETTER

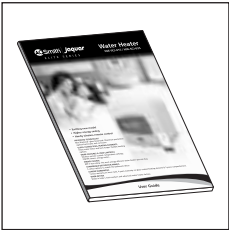
Made in India's most modern and advanced water heater factory.

What's in the box?

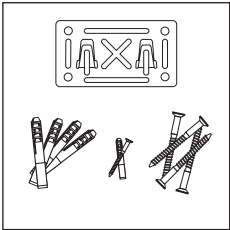
Electric
Water Heater



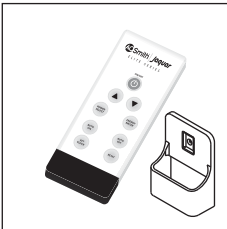
User Guide



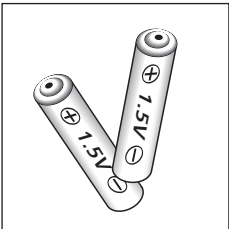
Wall Mounting
Accessories



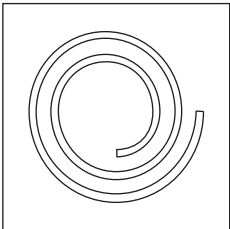
Remote & Holder



Battery



Drain Pipe



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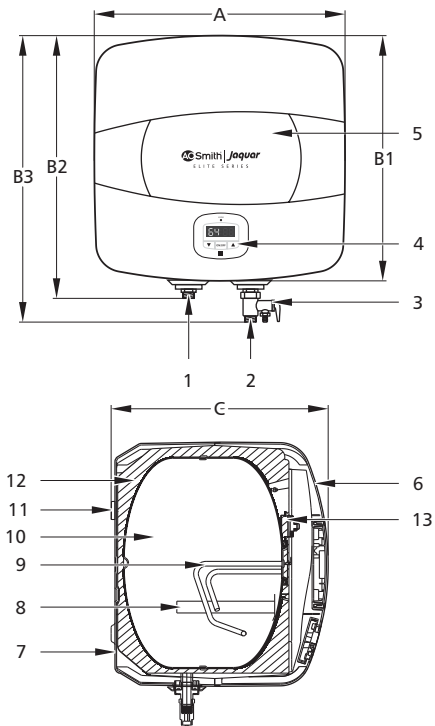
Specifications

Model		HSE-SCJ-015	HSE-SCJ-025
Volume [L]		15	25
Power [W]		3000/2000/1000	3000/2000/1000
Voltage/Frequency [V/Hz]		~230/50	~230/50
Actual Stdg. Loss [kWh/24h/45°C diff.]		0.560	0.690
Max. Stdg. Loss [kWh/24h/45°C diff.] [as per IS 2082:1993 amended in 2002]		1.138	1.386
Reheating Time for 35°C rise [in min]		18	31
Temperature range [°C]		25-75	25-75
Rated water pressure	N/cm ²	80	80
	Water head (meters)	80	80
Inlet/Outlet connections [Inch]		½	½

Dimensions

Model	HSE-SCJ-015	HSE-SCJ-025
A [mm]	386	444
B1 [mm]	386	444
B2 [mm]	410	478
B3 [mm]	444	513
C [mm]	349	391

Part Descriptors	
1	Outlet
2	Inlet
3	Safety Valve*
4	Electronic User interface
5	Decorative Front Panel
6	Front Jacket
7	Back Jacket
8	Anode
9	Heating Element
10	Tank
11	Installation Bracket
12	PU Insulation
13	Thermal Cutout

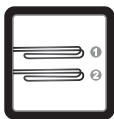


Caution: *Safety valve has been factory fit with the water heater and set at 0.8 MPa (8 Bar) rated pressure.

Warning: Do not tamper or detach the safety valve from the water heater.

Key Features

Glass Coated Dual Heating Element



Glass Coated Dual Heating Element provide extended life to the water heater by preventing Scale Formation on the element surface. They help in quick water heating.

Blue Diamond® Glass Lining



Blue Diamond® technology increases the life of the inner tank. The lining is stronger and more corrosion resistant than any other in the industry.

Digital Controls



The LED displays electricity consumed, set temperature, actual temperature, timer etc. The user can select the set temperature within the range of 25°C to 75°C. This water heater can retain the set information for 72 hours, even in power off condition.

Anode Rod



The tank has an anode rod system with a stainless steel core that is designed to protect the tank from corrosive elements. The system uses a special cathodic action to fight the corrosive elements and thus prolongs the life of the water heater.

Safety Valve



The safety valve is designed to automatically relieve and discharge water in case the pressure or temperature overshoots the preset limits.

Thermal Cutout



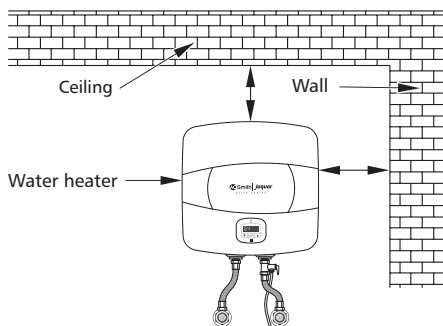
In case a fault occurs and the water temperature exceeds the highest preset temperature, the breaker rapidly cuts off the live line and the neutral line simultaneously to assure safety.

Note: A. O. Smith Jaquar reserves the right to amend or modify the specifications and features at any time, as and when required without any prior notification.

Installation

Mounting

Fig. 1 Position for installation



1. Make sure that the wall can withstand at least twice the weight of the water heater when completely filled with water.
2. Before locating the position for installation of the water heater, make sure that there is sufficient clearance between the ceiling and the side wall. (Fig. 1)
3. Use a drill bit with diameter of 10mm to drill 4 holes at least 90mm deep in the wall (Fig. 3). The four holes should be aligned horizontally and vertically. The horizontal distance between the 2 holes should be 120mm and the vertical distance should be 57mm. (Fig. 2)
4. Insert the expansion anchors into the holes. Place the wall mounting bracket over the expansion anchors and tighten the screws on the bracket. (Fig. 3)
5. Place the water heater on wall mounting bracket (Fig. 4) using hanger hooks. Tug downwards on the heater to ensure that the water heater is fixed steadily.

Fig. 2 Wall mounting bracket

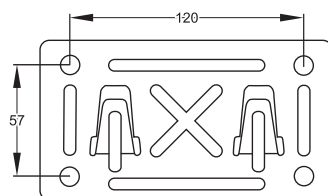


Fig. 3 Installation of wall mounting bracket

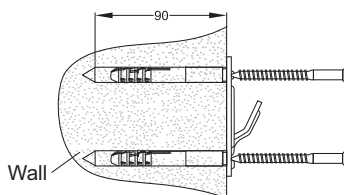
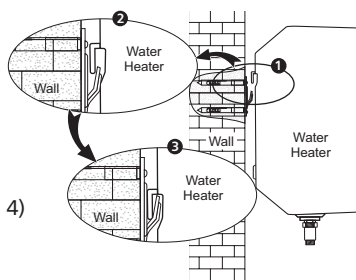


Fig. 4 Inserting the water heater into mounting bracket



Plumbing

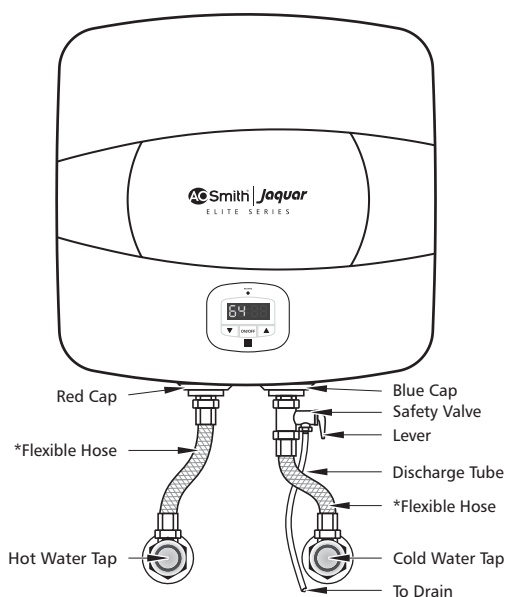
1. Make necessary plumbing with reference to the installation diagram. (Fig. 5)
2. A. O. Smith recommends nylon braided hoses having a minimum pressure rating of 8 Bar and hoses should be compatible for hot water applications.
3. Connect the cold water pipe to the inlet [Blue Cap].
4. Connect the hot water pipe to the outlet [Red Cap].
5. Attach the discharge tube to safety valve as shown in installation diagram. (Fig. 5)

Attention: Make sure a suitable sealing tape is used for all connections to prevent leakage.

Water Filling

1. Open a hot water faucet nearby to permit the air to escape.
2. Open the cold water inlet valve fully, filling the heater and the piping.
3. Close the hot water faucet when water flows.
4. Check all the connections to see if there is any leakage. In case of a leakage, drain the heater completely, repair the leaking joint and then refill the heater.

Fig. 5 Installation diagram



*Flexible Hoses to be procured by the customer, not part of standard product.

Electrical Connections

The power cord and plug are connected with this water heater. Find a separate socket for power plug and make sure the socket is in firm contact with the plug. Ensure that reliable earthing has been done.

Caution:

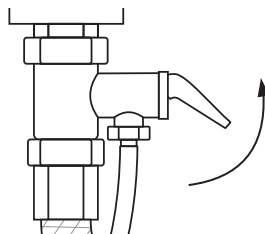
- Connect the water heater using independent sockets. Do not use adapters. Use multimeter to check whether the live line and neutral line are not reverse, to ensure complete safety.
- Before installing the water heater confirm that the power of water heater matches electric meter capacity and supply wire.
- The water heater should be earthed reliably. It is prohibited to connect the earth wire to neutral wire or tap water pipe.

Draining

For draining water from the water heater, following steps needs to be followed:

1. Switch off the electric supply to the water heater.
2. Open the hot water taps until the water is not hot any more.
3. Close cold water supply.
4. Drain the water by moving the lever of safety valve in the direction of the arrow as indicated in the diagram. (Fig. 6)

Fig. 6 Safety valve



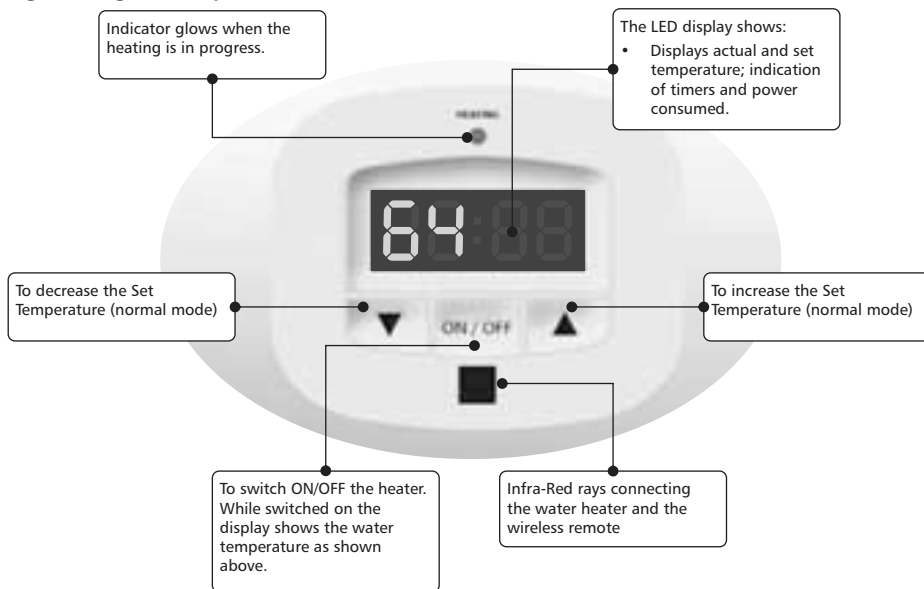
Caution: Before using the water heater, make sure that it should be completely filled with water.

Please turn off the power supply to the water heater prior to draining the water heater.

Warning: This water heater should not be operated with insufficient amount of water. Failure to do so may result in damage to the water heater & injuries to the users. This will also make the warranty null & void.

Control panel operations

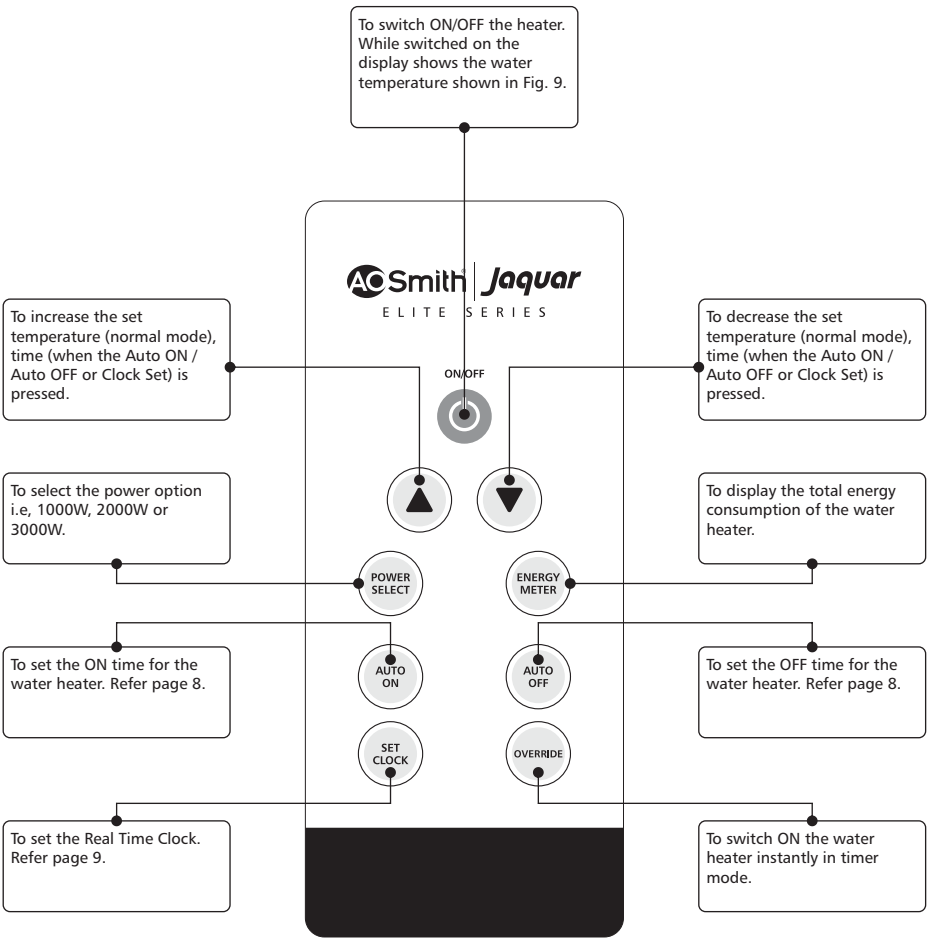
Fig. 7 Using control panel



Caution: Once the mounting, plumbing, discharge tube and water filling is completed, then only the power supply should be given.

Wireless remote operations

Fig. 8 Using wireless remote



Directions for use

Caution:

- Before using the water heater, make sure the inner tank is completely filled with water and the power plug has been connected properly.
- The wireless remote works with two AAA/1.5V cells.
- Ensure that the wireless remote does not get in direct contact with water. Do not operate the remote with wet hands.

1. Initial power

When the water heater power supply plug is connected, it is in initial power on state. The LED display on the control panel will glow and goes off as shown in Fig. 9.



Fig. 9

2. Power ON/OFF

To switch on/off the water heater press ON/OFF key on the control panel or "⏻" on wireless remote. While switched on the LED display shows actual temperature of the water as shown in Fig. 10.

Note: The heating indicator glows when the heating element is switched on.



Fig. 10

3. Clock setting

The clock is Real Time Clock. Press "Set Clock" key, the hour time (first two digits) starts blinking. Adjust the hour time by pressing "▲" or "▼" keys and press "Set Clock" key to set the hour time and minutes time (last two digits) starts blinking. Adjust the Minute time by pressing "▲" or "▼" keys and press "Set Clock" key to set the minute time. Now the clock time is set as shown in Fig. 11.

Note: The clock time to be set before setting the Auto On & Auto Off time.



Fig. 11

4. Temperature setting

Press "▲" (Increase), "▼" (Decrease) keys to adjust the Set Temperature. Set temperature increases or decreases by 1°C for each press from 25°C to 75°C. Wait for few seconds the value flashes for 5 times and the new temperature value is stored. The set temperature scrolls on pressing the keys continuously for 3 sec. The LED display glow as shown in Fig. 12.

Note: The water is heated to the new stored temperature until the temperature setting is changed.



Fig. 12

5. Auto On

Press "Auto On" key, the hour time (first two digits) starts blinking. Adjust the hour time by pressing "▲" or "▼" keys and press "Auto On" key to set the hour time and minutes time (last two digits) starts blinking. Adjust the Minute time by pressing "▲" or "▼" keys and press "Auto On" key to set the minute time. Now the clock time is set as shown in Fig. 13.

Note: By default the "Auto On" time is 00:00 and if new time is set the heating element will be switched on from the new "Auto On" time irrespective of the water heater is switched on.



Fig. 13

6. Auto Off

Press "Auto Off" key, the hour time (first two digits) starts blinking. Adjust the hour time by pressing "▲" or "▼" keys and press "Auto Off" key to set the hour time and minutes time (last two digits) starts blinking. Adjust the Minute time by pressing "▲" or "▼" keys and press "Auto Off" key to set the minute time. Now the clock time is set as shown in Fig. 14 .



Fig. 14

Note: By default the "Auto Off" time is 23:59 and if new time is set the heating element will be switched on till the new "Auto Off" time irrespective of the water heater is switched on.



Fig. 15

7. Energy meter

The "ENERGY METER" key is used to display the energy consumption of water heater in kWh. The energy meter value is displayed for 5 sec and it is cumulative. The digital display as shown in Fig. 15.

Note:

- Energy Meter values are indicative only.
- Refer 6. **Reset function** to reset the Energy Meter.



Fig. 16

8. Power select

The water in the tank heats quick by changing the power options. The default power selection is 2000W. It can be changed to 1000, 2000 or 3000W by pressing the power select key. Wait for few seconds the value flashes for 5 times and the new power option is stored. The LED display as shown in Fig. 16.

9. Override

By pressing the "Override" key, the water heater enters the heating state instantly after the "Auto Off" time. The heating continues until the set temperature is reached. You can exit the heating mode by pressing the "Override" button again during the instant heating mode. The LED display as shown in Fig. 9.

10. Reset

By pressing the "▲" and "▼" simultaneously for few seconds the water heater will change into default stage. AUTO ON & OFF times set as 00:00 & 23:59. Power is set 2000W as default. Set temperature set to 70°C.

11. Operation of remote controller

The operating method and function keys of the remote controller as shown in Fig. 7.

1. Prior to operating the remote controller, it is necessary to install the battery as show in Fig. 17.
2. While the remote controller in use, point it at the electronic controller, having a range within 5 m as shown in Fig. 18.

Note:

- Replace the batteries if the controller does not function correctly.
- Use two AAA/1.5V cells. Ensure to insert them in the correct orientation.
- When replacing the batteries, do not mix old and new or batteries of a different type.
- If the remote is not used for a long period, please remove the batteries.

Fig. 17 Replacing batteries

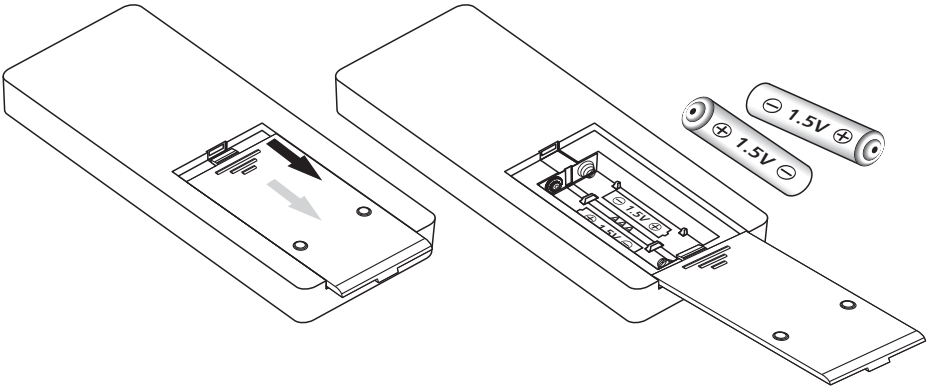
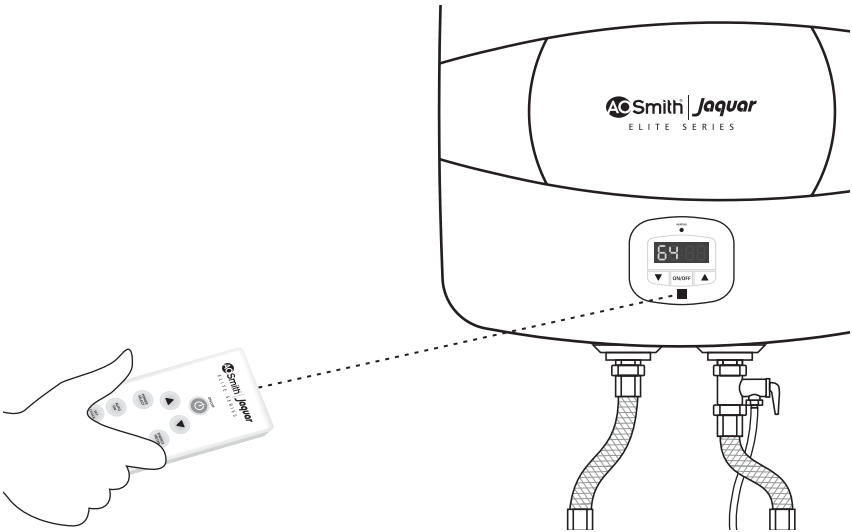
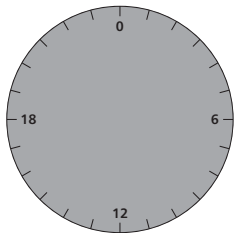


Fig. 18 Use of wireless remote



Timer Explanation

AUTO ON : Time to switch on the water heater automatically
AUTO OFF : Time to switch off the water heater automatically



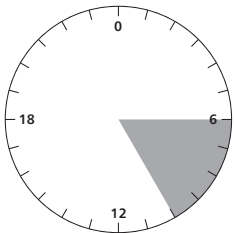
Factory setting

Default Time

AUTO ON : 00:00
AUTO OFF : 23:59

In this mode whenever the water temperature decreases by set temperature by 5°C the heating will start.

Note:
OVERRIDE does not function in this mode.



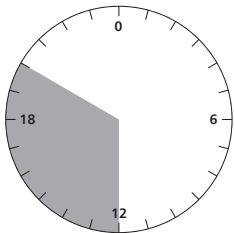
Example 1

Set Time

AUTO ON : 06:00
AUTO OFF : 09:00

In this mode the heating element is switched on from 06:00 to 09:00. The heating continues until the set temperature is reached. When the water temperature decreases the set temperature by 5°C the heating will start again. But after 09:00 and before 06:00 the heater is switched off.

Note:
To switch on the heating element after off time press OVERRIDE.



Example 2

Set Time

AUTO ON : 12:00
AUTO OFF : 20:00

In this mode the heating element is switched on from 12:00 to 20:00. The heating continues until the set temperature is reached. When the water temperature decreases the set temperature by 5°C the heating will start again. But after 20:00 and before 12:00 the heater is switched off.

Note:
To switch on the heating element after off time press OVERRIDE.

A. O. Smith ColourMatch System®



Attention: The product of your choice comes with either blue or red brick as a front panel of the white or ivory body respectively. You have the option of changing this panel to match your bathroom décor.

A. O. Smith ColourMatch System® allows you to match your water heater to the colour of your bathroom.

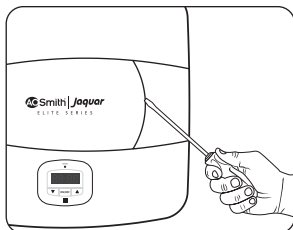
Please visit www.jaquar.com and choose your Decorative Front Panel colour options.

Changing the Decorative Front Panel

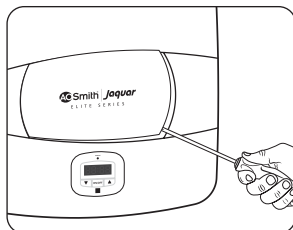
Please follow the steps as shown in Fig. 16

Fig. 16 Removing front panel

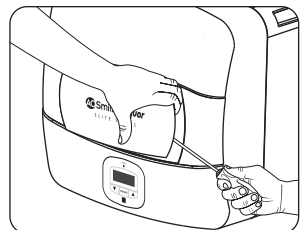
Step 1



Step 2



Step 3



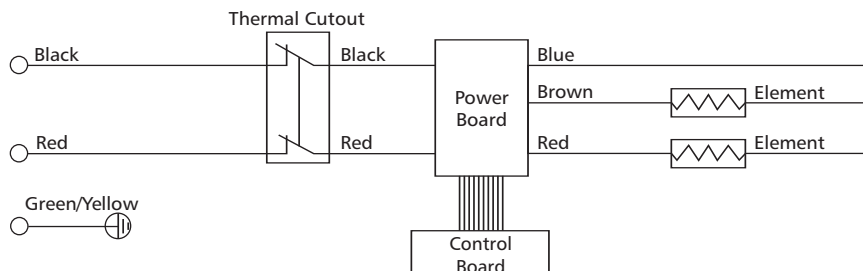
Warning:

- Please ensure to switch off the power supply while changing the Decorative Front Panel and pull out the power plug from the socket.
- An insulation layer is provided below the front panel which should not be replaced.
- While changing the front panel ensure that none of the internal components are damaged or removed.

Troubleshooting

Problem	Possible Cause(s)	Solution
<ul style="list-style-type: none"> No LED display on unit 	Heater is not plugged in	Plug in the heater
	Thermal cutout trips	Call Customer Care Centre
<ul style="list-style-type: none"> No hot water, no display 	No power supply in power socket on the wall	Check the power socket
	Control circuit or internal wiring error	Call Customer Care Centre
<ul style="list-style-type: none"> Display, no hot water 	Heating element(s) breakdown or internal wiring error	Call Customer Care Centre
	Check the "Auto On" & "Auto Off" time	Change the "Auto On" & "Auto Off" time
<ul style="list-style-type: none"> Water temperature is too high 	Electronics circuit damaged	Call Customer Care Centre
<ul style="list-style-type: none"> Piping connection leaks 	Connection not sealed	Re-connect piping, using tape thread sealant. Refer plumbing instructions on pages 3 & 4
<ul style="list-style-type: none"> Water leakage from product 	Leakage in tank or other parts	Shut off power immediately and Call Customer Care Centre
<ul style="list-style-type: none"> LED display error code "E0" 	Leakage of electricity	Call Customer Care Centre
<ul style="list-style-type: none"> LED display error code "E1" 	Temperature sensor circuit short or open	Call Customer Care Centre
<ul style="list-style-type: none"> LED display error code "E3" 	Extra high temperature	Call Customer Care Centre
<ul style="list-style-type: none"> LED display error code "E4" 	Malfunction of leakage circuit	Call Customer Care Centre
<ul style="list-style-type: none"> LED display error code "E5" 	High/Low voltage protection (<100 V & >275 V)	Use after voltage returns to normal

Circuit Diagram



AO Smith® | *Jaquar*

E L I T E S E R I E S

Dear Customer,

Congratulations! You have bought a world-class product. A. O. Smith is one of the largest water heater manufacturer in the world, a division of A. O. Smith Corporation, is a global leader in innovative technology and energy efficient solutions. Jaquar, the leader in the Indian bath fitting industry has always emphasised on Quality, Reliability and Service. The key philosophy of Jaquar is to provide consumers more value for their money. The very reason why Jaquar believes that, its products must make Friends not just Customers.

To further its commitment to customer delight, Jaquar offers an exclusive premium range of water heaters manufactured by A. O. Smith.

Our customer-centric approach manifests in many ways. Jaquar has the largest sales and after sales network with 22 regional centres, 33 area representatives, over 2200 local dealers complemented by over 225 service technicians.

If you need any further assistance, please call our Customer Care.

Keep smiling for years to come.

Customer Care No.

OR

Regional Service Centre

Telephone Nos.:

J A Q U A R C U S T O M E R C A R E (A)

Warranty Card

We hereby warrant this product against failure arising through faulty designs, material or workmanship for a period as mentioned below from the date of purchase subject to certain conditions specified.

- | | | |
|---------------------|---|---------|
| • Tank | - | 7 years |
| • Heating Element | - | 4 years |
| • Rest of the parts | - | 2 years |

Name of Buyer:

Address:

.....

Ph: Mobile: E-mail:

Date of Purchase: Invoice No.:

Dealer's Name & Address

(Stamp)

.....

.....

.....

.....
Signature of the Buyer

Jurisdiction: The courts of competent jurisdiction at Bangalore, Karnataka shall have exclusive jurisdiction over all matters arising out of any disputes in relation to the product.

CONDITIONS OF WARRANTY

- This warranty certificate must be duly filled, stamped and signed by the dealer. This certificate must be preserved and produced whenever required.
- During the warranty period and under normal use, if the product is found to be of faulty manufacture, the same will be repaired or replaced upon production of this warranty certificate, at our option, without charge either for part or labour. No allowance however, will be made for labour, transport charges consequential damages, losses or any other incidental expenses incurred.
- This warranty is not valid for damage resulting from faulty installation, mishandling, negligence, accidents and unauthorised repairs.

AO Smith® | *Jaquar*

E L I T E S E R I E S

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OR

Regional Service Centre

Telephone Nos.:

J A Q U A R C U S T O M E R C A R E (J)

Warranty Card

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- | | | |
|---------------------|---|---------|
| • Tank | - | 7 years |
| • Heating Element | - | 4 years |
| • Rest of the parts | - | 2 years |

Name of Buyer:

Address:

.....

Ph: Mobile: E-mail:

Date of Purchase: Invoice No.:

Dealer's Name & Address

(Stamp)

.....

.....

.....

.....
Signature of the Buyer

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AO Smith® | *Jaquar*

ELITE SERIES

Dear Customer,

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Customer Care No.

OR

Regional Service Centre

Telephone Nos.:

T O B E R E T A I N E D B Y T H E C U S T O M E R

Warranty Card

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- | | | |
|---------------------|---|---------|
| • Tank | - | 7 years |
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| • Rest of the parts | - | 2 years |

Name of Buyer:

Address:

.....

Ph: Mobile: E-mail:

Date of Purchase: Invoice No.:

Dealer's Name & Address

(Stamp)

.....

.....

.....

.....
Signature of the Buyer

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CONDITIONS OF WARRANTY

- This warranty certificate must be duly filled, stamped and signed by the dealer. This certificate must be preserved and produced whenever required.
- During the warranty period and under normal use, if the product is found to be of faulty manufacture, the same will be repaired or replaced upon production of this warranty certificate, at our option, without charge either for part or labour. No allowance however, will be made for labour, transport charges consequential damages, losses or any other incidental expenses incurred.
- This warranty is not valid for damage resulting from faulty installation, mishandling, negligence, accidents and unauthorised repairs.

Jaquar & Company Limited

Corporate Office

306, Udyog Vihar Phase - 2, Gurgaon. Haryana. Tel.: 0124.474.6800-20

Customer Care Head Office

D-56, Defence Colony, New Delhi - 110 024, Tel.: 011.2463.6808-10

Customer Care Zonal Offices

Zone	Address	Tel. No.	Mobile No.
North	D-56, Defence Colony, New Delhi - 110 024	011.2463.6808-10	98.9924.0086
East	46F, Rafi Ahmed Kidwai Road, Kolkata	033.2229.6789 & 2229.6686	98.3109.4828
West	101 & 110, Guruvidya Housing Society, 98/A, Ram Das Nayak Marg, Hill Road, Bandra [West], Mumbai - 400 050	022.2661.3503, 2661.3460 & 2661.5798	98.2042.1733
South	10, V N Street, Taskar Town, Shivaji Nagar, Bangalore - 560 052	080.2286.2511-17	98.4413.9636

Customer Care Network

Place	Contact No.
Ahmedabad	98250.36742 & 079.2646.0247-50
Amritsar	98.1537.9722
Bangalore	080.2286.2508-13
Bhopal	0755.422.1285 & 99.9309.7333
Bhubaneswar	0674.257.0137, 257.3907 & 098.6103.3823
Chandigarh	0172.266.5849 & 260.3430
Chennai	044.2823.9440/50 & 2381.1784
Cochin	0484.234.0887/8
Dehradun	98.3714.5508
Goa	98.2212.5666
Guwahati	0361.246.3051/2 & 098.6426.8915
Hyderabad	040.6666.8664/773, 6613.8773 & 2337.9494
Indore	0731.2540.6291, 404.1941 & 099.9309.7330
Jaipur	0141.511.5609, 511.0093 & 98.2905.6309
Jalandhar	98.1591.4466
Jammu	0191.247.0396 & 99.0690.3011
Jodhpur	98.2907.6309
Kanpur	93.3610.7414
Karnal	98.1249.8125

Place	Contact No.
Kathmandu	98.5104.3149
Kolhapur	098.2212.5666
Kolkata	033.2227.7188 & 098.3109.4828
Ludhiana	0161.464.1744-5, 509.4974 & 98.8871.8802
Lucknow	0522.400.1434
Mumbai	022.2642.4804, 6450.7096 & 98.2042.1733
Nagpur	0.98.2307.2050 & 0.94.2281.0911
Nasik	98.5057.1601
New Delhi	011.2463.6807-10 & 6515.3330-01
Patna	93.3427.0557
Pune	020.6640.1234 & 6640.2222
Raipur	0771.403.5993, 403.0012 & 98.2712.2025
Ranchi	94.3110.7055
Sholapur	98.8106.6275
Siliguri	0353.264.0740, 277.7626 & 094.3489.1383
Surat	0.99.2412.2919 & 0.98.2503.6744
Udaipur	98.2902.6309
Varanasi	99.3516.6968



Manufactured by A. O. Smith India Water Heating Private Limited

Plot No. 300, Phase - 2, KIADB Industrial Area, Harohalli, Kanakapura Taluk, Ramanagara District - 562 112, Karnataka, India.

Toll Free: 1.800.103.2468 ■ Website: www.aosmithindia.com

Control panel operations

Fig. 7 Using control panel

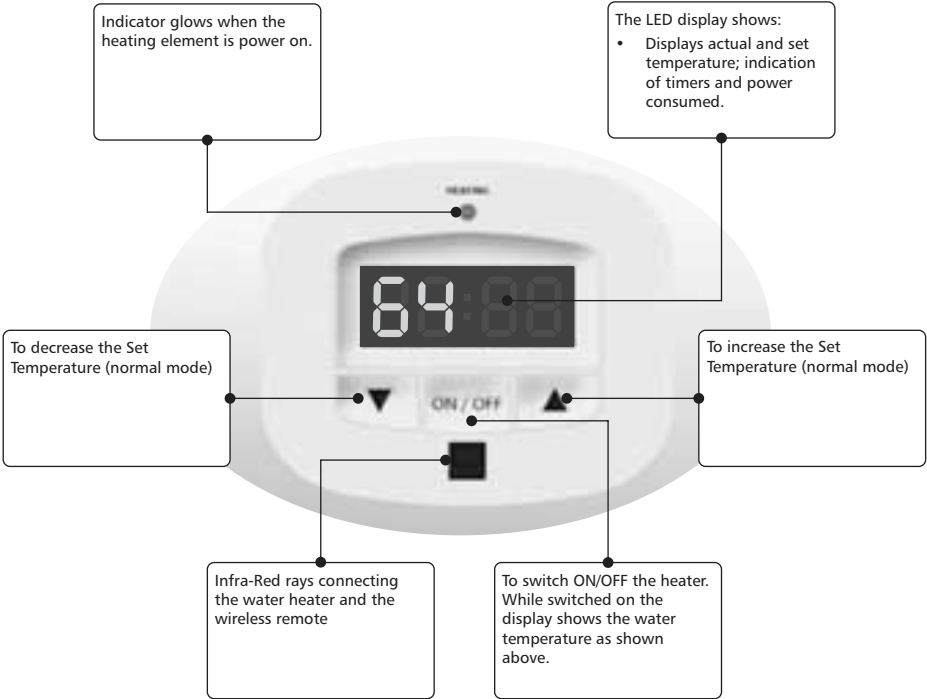
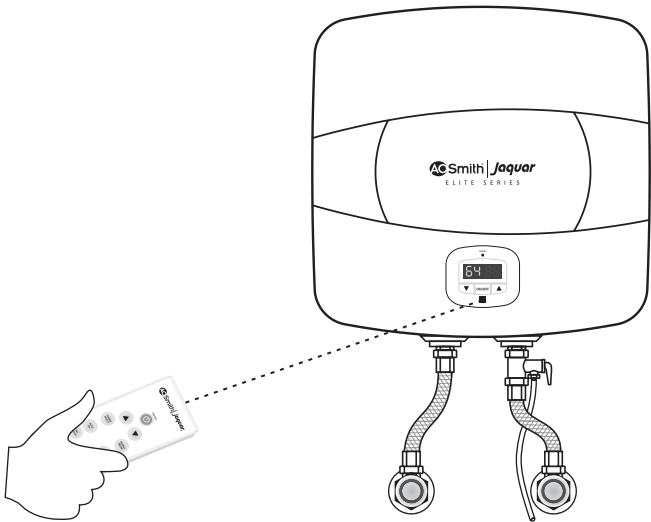


Fig. 8 Use of wireless remote





- **Exciting new model**
- **Higher energy saving**
- **Handy wireless remote control**

ADVANCED TECHNOLOGY

Blue Diamond® glass lined tank. Maximum protection against hard water and corrosion.

GLASS COATED DUAL HEATING ELEMENT

Heats water faster and lasts longer. Flexible heating options.

MORE FEATURES & USER CONTROLS

Wireless remote control, temperature settings, ON/OFF timers, energy meter...

ENERGY SAVING

BEE 5 star rating. The most energy efficient water heater you can buy.

CHANGEABLE DECORATIVE PANELS

4 colour options to match the bathroom décor.

LONGER WARRANTIES

7 years warranty on inner tank, 4 years warranty on glass coated heating element & 2 years comprehensive.

MADE BETTER

Made in India's most modern and advanced water heater factory.



Directions for use

Caution:

- Before using the water heater, make sure that inner container is completely filled with water and the power plug has been connected properly.
- The wireless remote works with the separate battery.
- Ensure that the wireless remote does not get in direct contact with water. Do not use wet hands while operating the remote.

1. Initial power on

When the water heater power supply plug is connected, it is in initial power on state, i.e the heater is ready for heating the water. The LED display on the control panel will glow and goes off as shown in Fig. 07.



Fig. 8

2. Power ON/OFF

To start heating the water press ON/OFF key on the control panel or "⊙" on wireless remote. While heating the LED display shows actual temperature of water inside the inner container as shown in Fig. 08.



Fig. 9

3. Increase/Decrease

To increase/ the set temperature (normal mode), Time (when the Auto ON/Auto OFF or Clock Set) is pressed. Pressing the Switch once will increase/decrease the set temperature by 1°C in Normal Mode.

To set the time press the "▲"/ "▼" key once will increase/decrease the min/hour by 1 each. The temperature setting varies between 25°C to 75°C as shown in Fig. 09.



Fig. 10

4. Energy meter

The "ENERGY METER" key is used to display the energy consumed by water heater. The LED display is indicated for 5 seconds in kWh. The energy meter value displayed is cumulative. The LED display as shown in Fig. 10.

Note:

- Energy Meter values are indicative only.
- Refer 6. **Reset function** to reset the Energy Meter.



Fig. 11

5. Power select

To select the 1, 2 or 3kW power. The default power selection is 2kW and can be changed to 1, 2 or 3kW by pressing the power select key. The LED display as shown in Fig. 11.



Fig. 12

6. Auto On

To set the auto on function press the "AUTO ON" key and it shows the default on time as "00.01". Change the time flashing in the digital by "▲" or "▼" keys to set the hours and minutes. By pressing the "AUTO ON" key again then changed time in the LED display and will be set as a Auto On time. The LED display as shown in Fig. 12.



Fig. 13

7. Auto Off

To set the auto off function press the "AUTO OFF" key and it shows the default off time as "23.59". Change the time flashing in the digital by "▲" or "▼" keys to set the hours and minutes. By pressing the "AUTO OFF" key again then changed time in the LED display and will be set as a Auto Off time. The LED display as shown in Fig. 13.



Fig. 14

8. Clock

The clock is real time clock and it has to be set by pressing the clock key (in conjunction with "▲" or "▼" key). At first the hour time (first 2 digits) and then minute time (second 2 digits) will be set. The LED display as shown in Fig. 14.



Fig. 15

9. Override

By pressing the "override" key, and the water heater enters the heating state instantly. The heating indicator glows, when the temperature preset by users is reached the water heater returns to the state before setting. ("override" function can only be used before Auto ON and after Auto OFF timers). The LED display as shown in Fig. 8.

10. Reset

By pressing the "▲" and "▼" simultaneously for few seconds the water heater will change into default stage. AUTO ON & OFF times set as 00.01 & 23.59. Power is set 2kW as default. Set temperature set to 70°C.

